

LP-2264  
APR 1966  
WAC?

24 February 1966

Dear Joe:

The Contractor is hereby directed to comply with the provisions of Engineering Change Proposals GR-54 and GR-58 pursuant to the "Changes" clause of Contract No. LP-2264.

Wendell

OSA - 0954-66

CY 1 OF 2

21 FEB 1966

Subject: ECPs 46A, 54, and 58, Contract LP-2264

Dear Chuck,

Subject ECPs have been technically approved by the SPO. Request you give [redacted] formal approval of these ECPs. STATINTL

Specific comments regarding each ECP are as follows:

ECP 46A - This revision is only to change the method of identifying the modification. We concur that a new part number is more appropriate.

ECP 54 - This change will also result in easier alignment of the recorder. Therefore, retrofit is desirable, on a low priority basis.

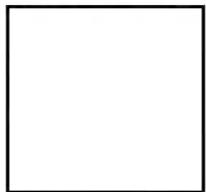
ECP 58 - Although omitted from the ECP, this change will require accompanying maintenance manual and aperture card changes.

Regards,



STATINTL

Copy: [redacted]



<b>GA - 531</b>		ENGINEERING STUDY CHANGE PROPOSAL <input type="checkbox"/> <input checked="" type="checkbox"/>	<b>GR-</b> 46 Rev. A.							
DATE 26 January 1966		AFFECTS: GA 531 <input type="checkbox"/>	STATINTL							
NAME OF MAJOR COMPONENT Recorder Magazine		PART OR LOWEST SUBASSEMBLY Shutter Lever Assembly	PART NO. MODEL OR TYPE 531A723-000-101 (old) 531A723-021-101 (new)							
TITLE OF PROPOSAL: Change Spring Action on Shutter Lever Assembly										
NATURE OF PROPOSAL: REF: REW KP-I-233  Replace 531A723-014-1 Spring and 531A723-008-101 Lever Assembly with new 531A723-022-1 Spring, 531A723-023-1 Guide Block and 531A723-021-1 Lever Assembly.  A new P/N 531A719-001-105 will be assigned to the 531A719-001-103 Recorder Magazine Cover.										
REASON FOR PROPOSAL:  Design improvement to increase reliability of shutter assembly action. The shutter has not been consistently closing when Magazine is pulled from the Recorder.										
<b>ES</b>	ESTIMATED COST AND TIME INVOLVED:									
ADDITIONAL FUNDING REQUIRED:										
<b>CP</b>	ESTIMATED COST FOR KITS OR PARTS: N/A									
ADDITIONAL FUNDING REQUIRED:										
ITEMS AFFECTED BY PROPOSAL: Production units S/N 7002-9 thru 19 to be retrofitted, S/N 7002-20 and subs in line.										
SAFETY <input type="checkbox"/>	MISSION EFFECTIVENESS <input type="checkbox"/>	PERFORM- ANCE <input checked="" type="checkbox"/>	OPERATING PROCEDURE <input type="checkbox"/>	INTER- CHANGE- ABILITY <input type="checkbox"/>	WEIGHT OR WEIGHT AND BALANCE <input type="checkbox"/>	TOOLS AND SUPPORT EQUIPMENT <input type="checkbox"/>	MAINTEN- ANCE PROCEDURE <input checked="" type="checkbox"/>	SERVICE LIFE <input checked="" type="checkbox"/>	FLIGHT MANUAL <input type="checkbox"/>	MAINTEN- ANCE MANUAL <input checked="" type="checkbox"/>
ESTIMATED MAN HOURS REQUIRED TO ACCOMPLISH CHANGE IN FIELD: 1 hr disassemble; 3 hr change and checkout; 1 hr reassemble.										
SOURCE OF PARTS FOR KIT: GR				AVAILABILITY <u>8</u> WEEKS AFTER APPROVAL						
DISPOSITION OF SPARES AFFECTED: Spares to be reworked to latest configuration. PPB to be changed by C/N to PSO.										
IN <input type="checkbox"/>										

<b>GA - 531</b>		ENGINEERING STUDY <input type="checkbox"/> CHANGE PROPOSAL <input checked="" type="checkbox"/>	<b>GR- 54</b>							
DATE 24 January 1966		AFFECTS: GA531 <input type="text"/>	STATINTL							
NAME OF MAJOR COMPONENT Recorder		PART OR LOWEST SUBASSEMBLY Vertical Position and Temperature Control	PART NO. MODEL OR TYPE 531A716-005-103 (old) 531A716-008-101 (new)							
TITLE OF PROPOSAL: Delete Temperature Control										
NATURE OF PROPOSAL: REF: REW KP-I-221 Rev. A.  Replace the Vertical Position and Temperature Control Assembly 531A716-005-103 with a Vertical Position Assembly 531A716-008-101.  A Mod. No. will be assigned to the Recorder with this change.										
REASON FOR PROPOSAL: Temperature correction for optical focus not required. This change will improve the reliability of the Vertical Position Assembly by removing the excess circuitry.										
<b>ES</b>	ESTIMATED COST AND TIME INVOLVED: ADDITIONAL FUNDING REQUIRED:									
<b>CP</b>	ESTIMATED COST FOR KITS OR PARTS: N/A ADDITIONAL FUNDING REQUIRED:									
ITEMS AFFECTED BY PROPOSAL: Production units S/N A7002-20 and subs in line. Production units S/N A7002-9 thru 19 and Prototype units 1-8 will be replaced.										
SAFETY <input type="checkbox"/>	MISSION EFFECTIVENESS <input checked="" type="checkbox"/>	PERFORM- ANCE <input checked="" type="checkbox"/>	OPERATING PROCEDURE <input type="checkbox"/>	INTER- CHANGE- ABILITY <input type="checkbox"/>	WEIGHT OR WEIGHT AND BALANCE <input type="checkbox"/>	TOOLS AND SUPPORT EQUIPMENT <input type="checkbox"/>	MAINTEN- NANCE PROCEDURE <input checked="" type="checkbox"/>	SERVICE LIFE <input type="checkbox"/>	FLIGHT MANUAL <input type="checkbox"/>	MAINTEN- NANCE MANUAL <input checked="" type="checkbox"/>
ESTIMATED MAN HOURS REQUIRED TO ACCOMPLISH CHANGE IN FIELD: 30 min disassemble; 5 min. replace PC board; 1 hour test; 30 minutes assemble.										
SOURCE OF PARTS FOR KIT: GR					AVAILABILITY 6 WEEKS AFTER APPROVAL					
DISPOSITION OF SPARES AFFECTED: Spares to be replaced. PPB to be changed by C/N to PSO. STATINTL										
IN										

<b>GA - 531</b>				ENGINEERING STUDY CHANGE PROPOSAL		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>GR - 58</b>		
DATE 26 January 1966				AFFECTS: GA 531				STATINTL		
NAME OF MAJOR COMPONENT Receiver				PART OR LOWEST SUBASSEMBLY I-F Amplifier				PART NO. 531A413-901-103 (old) 531A413-901-105 (new)	MODEL OR TYPE	
TITLE OF PROPOSAL: ADD I-F LIMITING TO RECEIVER										
NATURE OF PROPOSAL: REF: REW KP-I-237										
Change emitter resistor in I-F Amplifier #3 output stage from 2.0K 5% 1/4w to an 8.2K 5% 1/4w resistor.										
A Mod. Number will be assigned to the 531A400-001-109 Receiver.										
REASON FOR PROPOSAL:  To reduce blooming of strong targets on map film and produce a better quality map.										
<b>ES</b>	ESTIMATED COST AND TIME INVOLVED: ADDITIONAL FUNDING REQUIRED:									
<b>CP</b>	ESTIMATED COST FOR KITS OR PARTS: N/A ADDITIONAL FUNDING REQUIRED:									
ITEMS AFFECTED BY PROPOSAL: Production Units S/N A4003-22 thru 31. Units 1 thru 21 to be retrofitted.										
SAFETY	MISSION EFFEC- TIVENESS	PERFORM- ANCE	OPERATING PROCEDURE	INTER- CHANGE- ABILITY	WEIGHT OR WEIGHT AND BALANCE	TOOLS AND SUPPORT EQUIPMENT	MAINTE- NANCE PROCEDURE	SERVICE LIFE	FLIGHT MANUAL	MAINTE- NANCE MANUAL
ESTIMATED MAN HOURS REQUIRED TO ACCOMPLISH CHANGE IN FIELD: 45 minutes disassemble receiver, 45 min. rework I-F amplifier and 1 hr to Test. 1 hour to reassemble.										
SOURCE OF PARTS FOR KIT: GR					AVAILABILITY <u>14</u> WEEKS AFTER APPROVAL					
DISPOSITION OF SPARES AFFECTED: Spares to be reworked to latest configuration. PPB to be changed by C/N to PSO.										
STATINTL										
IN										